

Example Problem: Find the % by mass of oxygen in water.

Percentage by mass of element in a compound =

$$(\text{mass of element in 1 mol of compound} \div \text{molar mass of compound}) \times 100 \%$$

(after completing lab #1)

Find the % of carbon in sodium bicarbonate (NaHCO_3).

Find the % composition of aluminum oxide. (This means to find the % of each element in the compound.)

